

Rabbit TNIP1 Polyclonal Antibody | anti-TNIP1 antibody

TNIP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328747	Rabbit	Human, MousePredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

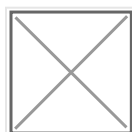
PRODUCT SYNONYMS

TNIP1; Polyclonal Antibody; TNIP1 Antibody; ABIN 1; HIV-1 Nef-interacting protein; hVAN; KIAA0113; Naf1; Nef-associated factor 1; Nip40-1; TNFAIP3 interacting protein 1; TNFAIP3-interacting protein 1; TNIP-1; Tnip1; TNIP1_HUMAN; VAN; Virion-associated nuclear shuttling protein; anti-TNIP1 antibody

PRODUCT SPECIFICATIONS

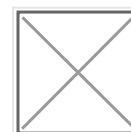
Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	TNIP1 Antibody detects endogenous levels of TNIP1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	636
Applicable Applications for anti-TNIP1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human TNIP1.
Tissue Specificity	Ubiquitous. Strongly expressed in peripheral blood lymphocytes, spleen and skeletal muscle, and is weakly expressed in the brain. In peripheral blood mononucleocytes, isoform 4 is mainly expressed and isoform 1 and isoform 7 are almost not expressed. Expression of isoform 1 and isoform 7 increases in leukemic cells.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using TNIP1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from 293t, using TNIP1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TNIP1 antibody	Description: Inhibits NF-kappa-B activation and TNF-induced NF-kappa-B-dependent gene expression by regulating A20/TNFAIP3-mediated deubiquitination of IKBKG; proposed to link A20/TNFAIP3 to ubiquitinated IKBKG. Involved in regulation of EGF-induced ERK1/ERK2 signaling pathway; blocks MAPK3/MAPK1 nuclear translocation and MAPK1-dependent transcription. Increases cell surface CD4(T4) antigen expression. Involved in the anti-inflammatory response of macrophages and positively regulates TLR-induced activation of CEBPB. Involved in the prevention of autoimmunity; this function implicates binding to polyubiquitin. Involved in leukocyte integrin activation during inflammation; this function is mediated by association with SELPLG and dependent on phosphorylation by SRC-family kinases. Interacts with HIV-1 matrix protein and is packaged into virions and overexpression can inhibit viral replication. May regulate matrix nuclear localization, both nuclear import of PIC (Preintegration complex) and export of GAG polyprotein and viral genomic RNA during virion production. In case of infection, promotes association of IKBKG with Shigella flexneri E3 ubiquitin-protein ligase ipah9.8 p which in turn promotes polyubiquitination of IKBKG leading to its proteasome-dependent degradation and thus is perturbing NF-kappa-B activation during bacterial infection. Post Translational Modifications: Phosphorylation at Tyr-552 by SRC-family kinases recruits phosphoinositide-3-kinase (PI3K) PIK3CD:p85 heterodimer which results in integrin activation and leukocyte adhesion to activated endothelium during inflammation. Subunit Structure: Interacts with TNFAIP3 and IKBKG (polyubiquitinated); facilitates TNFAIP3-mediated de-ubiquitination of NEMO/IKBKG. Interacts with polyubiquitin. Interacts with MAPK1, SELPLG and PIK3CD. Interacts with IRAK1 (polyubiquitinated). Interacts with MYD88; the interaction is indicative for participation in an activated TLR-signaling complex. Interacts with HIV-1 matrix protein. Interacts with Shigella flexneri ipah9.8; the interaction promotes polyubiquitination of IKBKG.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20138952
NCBI GeneID	10318
UniProt Accession #	Q15025
Molecular Weight	Observed: 72 kDa Predicted: 72 kDa
NCBI Official Full Name	TNFAIP3-interacting protein 1
NCBI Official Synonym Full Names	TNFAIP3 interacting protein 1
NCBI Official Symbol	TNIP1
NCBI Official Synonym Symbols	VAN; NAF1; ABIN-1; nip40-1
NCBI Protein Information	TNFAIP3-interacting protein 1
UniProt Protein Name	TNFAIP3-interacting protein 1
UniProt Gene Name	TNIP1
UniProt Synonym Gene Names	KIAA0113; NAF1; ABIN-1; Naf1; VAN; hVAN
UniProt Entry Name	TNIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.